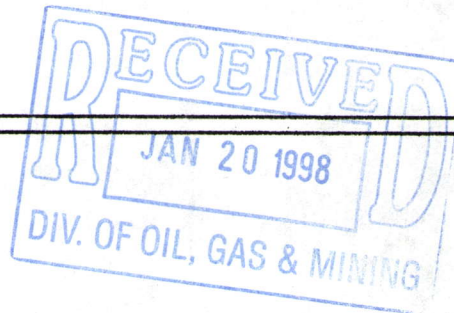


ROBERT E COVINGTON
CERTIFIED PROFESSIONAL GEOLOGIST NO. 1705
P.O. BOX 1845
VERNAL, UTAH 84078

M/047/013

PHONE (801) 789-3233
FAX (801) 789-4560



JANUARY 19, 1998

STAN PERKES
UTAH STATE OFFICE
BUREAU OF LAND MANAGEMENT
P O BOX 45155
SALT LAKE CITY UT 84155-0155

SHAFT 8

RE: MINE PLAN
LITTLE BONANZA VEIN
U.S.GILSONITE LSE..UTU-76312
SW $\frac{1}{4}$ SW $\frac{1}{4}$ SEC.15, T9S-R24E
UINTAH CO.,,UTAH

DEAR STAN:

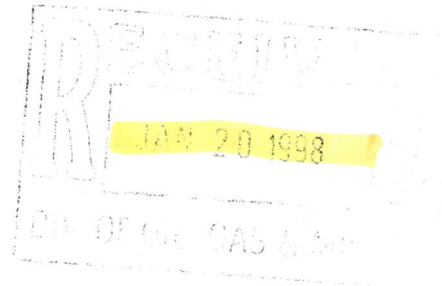
ENCLOSED IS ZIEGLER CHEMICAL & MINERAL CORPORATION'S MINE PLAN
FOR THE ABOVE DESIGNATED LEASE.

IF YOU HAVE ANY QUESTIONS OR COMMENTS, PLEASE FEEL FREE TO LET
ME KNOW.

VERY TRULY YOURS,

ROBERT E. COVINGTON, CONSULTANT FOR
ZIEGLER CHEMICAL & MINERAL CORP.

CC: VERNAL DISTRICT OFFICE
UTAH DIVISION OF OIL, GAS & MINING
NORMAN HASLEM
GORDON S. ZIEGLER,,JR.
FILES



PROPOSED MINE PLAN FOR
ZIEGLER CHEMICAL & MINERAL CORP.
ON U.S.GILSONITE LEASE UTU 76312
SECTION 15, TOWNSHIP 9 SOUTH --RANGE 24 EAST
UINTAH COUNTY, UTAH

BY
ROBERT E..COVINGTON
CERTIFIED PROFESSIONAL GEOLOGIST NO..1705

SEE SEPARATE BOUND VOLUME
FOR THIS MWE PLAN SUBMISSION
SHAFT 8

REPORT FOR:

GORDON S. ZIEGLER, JR.PRESIDENT
ZIEGLER CHEMICAL & MINERAL CORP.
DECEMBER 20, 1997

REVISED: JANUARY 16, 1998